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CONNECTPORT® LTS 8/16/32

Next generation serial servers support GB Ethernet and IPv6 networks. Optional ZigBee and USB bring wireless capabilities into multi-port serial server environments.

The ConnectPort LTS terminal server family delivers secure, reliable, flexible and cost-effective RS-232/422/485 serial-to-Ethernet connectivity. Targeted serial-to-IP applications include data center console port management, security, property management, point-of-sale, data acquisition, industrial automation, power utilities, logistics and others.
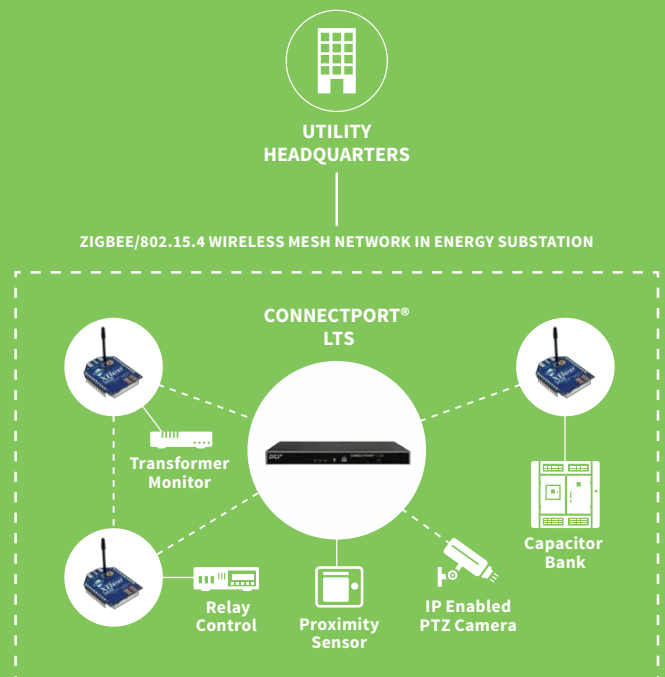
Features include Dual GB Ethernet for extreme reliability, an SD memory slot for data storage, and a large an LCD screen for easy configuration, monitoring and diagnostics.

Highly advanced software features include an IPv4/IPv6 dual stack, user port sharing, port logging, SSHv2 and SSL. Python support and a Software Development Kit (SDK) make this versatile Linux-based appliance a good platform for programming.

BENEFITS

– Dual GB Ethernet ports for routing
– Software selectable RS-232/422/485 (MEI models only) for industrial applications
– LCD display for status monitoring, diagnostics and configuration
– SD memory slot for data storage, supporting SD and HCSD
– Dual power option on 16-port MEI model

APPLICATION EXAMPLE

UTILITY HEADQUARTERS

ZIGBEE/802.15.4 WIRELESS MESH NETWORK IN ENERGY SUBSTATION

CONNECTPORT® LTS

Transformer Monitor

Relay Control

Proximity Sensor

IP Enabled PTZ Camera

Capacitor Bank

RELATED PRODUCTS

PortServer® TS

ConnectPort® TS 8/16

ConnectPort® TS 4x4

Digi Passport®

Cables and Accessories

SPECIFICATIONS	ConnectPort® LTS 8 MEI	ConnectPort® LTS 16/16 MEI	ConnectPort® LTS 32/32MEI
FEATURES			
PROCESSOR	Freescale MPC8314, 400 MHz		
THROUGHPUT	Up to 230 Kbps		
MEMORY	128 MB SDRAM / 34 MB Flash	256 MB SDRAM / 34 MB Flash	256 MB SDRAM / 34 MB Flash
MANAGEMENT	HTTP/HTTPS, CLI or telnet, SNMP read and write		
OPERATING SYSTEMS	AIX, HP-UX, Solaris, Linux®, Windows® 2000, Windows® XP, Windows® 7, Windows® 8, Windows® 8.1, Windows® 10, Windows Server® 2003, Windows Server® 2008, Windows Server® 2012, Windows Server 2016. Note: TCP/UDP socket services are operating system independent.		
SOFTWARE	RealPort®, Python, Port sharing (sockets only, not for RealPort), Port logging (online and offline), Line printer Daemon		
PROTOCOLS	TCP/UDP, DHCP, telnet, Reverse telnet/SSHv2/SSL, IPv4/IPv6		
SECURITY	Encrypted RealPort, SSHv2, TLS/SSL		
LEDS	Serial ports: Tx/Rx per port; Ethernet: Link/Activity, Power, Ready, Diagnostic; Optional modem: DTR/DCD		
DIMENSIONS (LENGTH X WIDTH X HEIGHT)	189 mm x 271 mm x 44 mm (7.4 in x 10.7 in x 1.7 in)	222 mm x 443 mm x 44.5 mm (8.7 in x 17.4 in x 1.8 in)	222 mm x 443 mm x 44.5 mm (8.7 in x 17.4 in x 1.8 in)
WEIGHT	1550 g (3.4 lb)	2600 g (5.7 lb), 2690 g (5.9 lb) dual power model	2600 g (5.7 lb), 2690 g (5.9 lb) dual power model
INTERFACES			
SERIAL PORTS	8 RS 232/422/485 software selectable MEI	16 RS-232 or RS-232/422/485 software-selectable (MEI models)	32 RS-232 or RS-232/422/485 software-selectable (MEI models)
SERIAL CONNECTOR	Digi 10-pin		
ETHERNET PHYSICAL LAYER	Dual 10/100/1000 Mbps auto sensing; Full of half duplex		
CONSOLE PORTS	10-pin RJ-45 serial port for configuration		
POWER REQUIREMENTS			
POWER INPUT	9-30 VDC	100-240 VAC, 50-60 Hz, 0.8A	100-240 VAC, 50-60 Hz, 0.8A
POWER SUPPLY	2A@12 VDC	N/A	N/A
POWER CONSUMPTION	18W max	30W max	30W max
ENVIRONMENTAL			
OPERATING TEMPERATURE	0° C to +55° C (32° F to +130° F)		
STORAGE TEMPERATURE	-20° C to +66° C (-4° F to +151° F)		
RELATIVE HUMIDITY	5%-95% (non-condensing)		
SERIAL PORT PROTECTION (ESD)	±15 kV		
ETHERNET ISOLATION	1500 VAC (rms)		
REGULATORY APPROVALS			
SAFETY	UL 60950-1, EN 60950-1		
EMISSIONS/IMMUNITY	FCC Part 15, Subpart B, Class A, EN 55022 Class A, EN 55024		

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PART NUMBERS	DESCRIPTION
70002411	ConnectPort LTS 32
70002413	ConnectPort LTS 32 MEI
70001634	ConnectPort LTS 16 MEI 2AC
70002403	ConnectPort LTS 16
70002405	ConnectPort LTS 16 MEI
70001611	ConnectPort LTS 8 MEI

FOR MORE INFORMATION
PLEASE VISIT WWW.DIGI.COM

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